MD 2 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

EXISTING SIGNS

R3-1 (30" X 30") TO BE REMOVED

18 — GUIDE SHIELD ASSEMBLY (24" X 51")

19 — GUIDE SHIELD ASSEMBLY (30" X 75")

11,14 — D3-2 (VAR. X 16")

17 — W3-3 (36"X36")

D3-2 (VAR. X 16")

EXISTING SIGNALS

3-8 — R, Y, G — 12"

PROPOSED SIGNALS

1,2 — R, Y, G — 12"

9,10 — R, Y, G — 12"

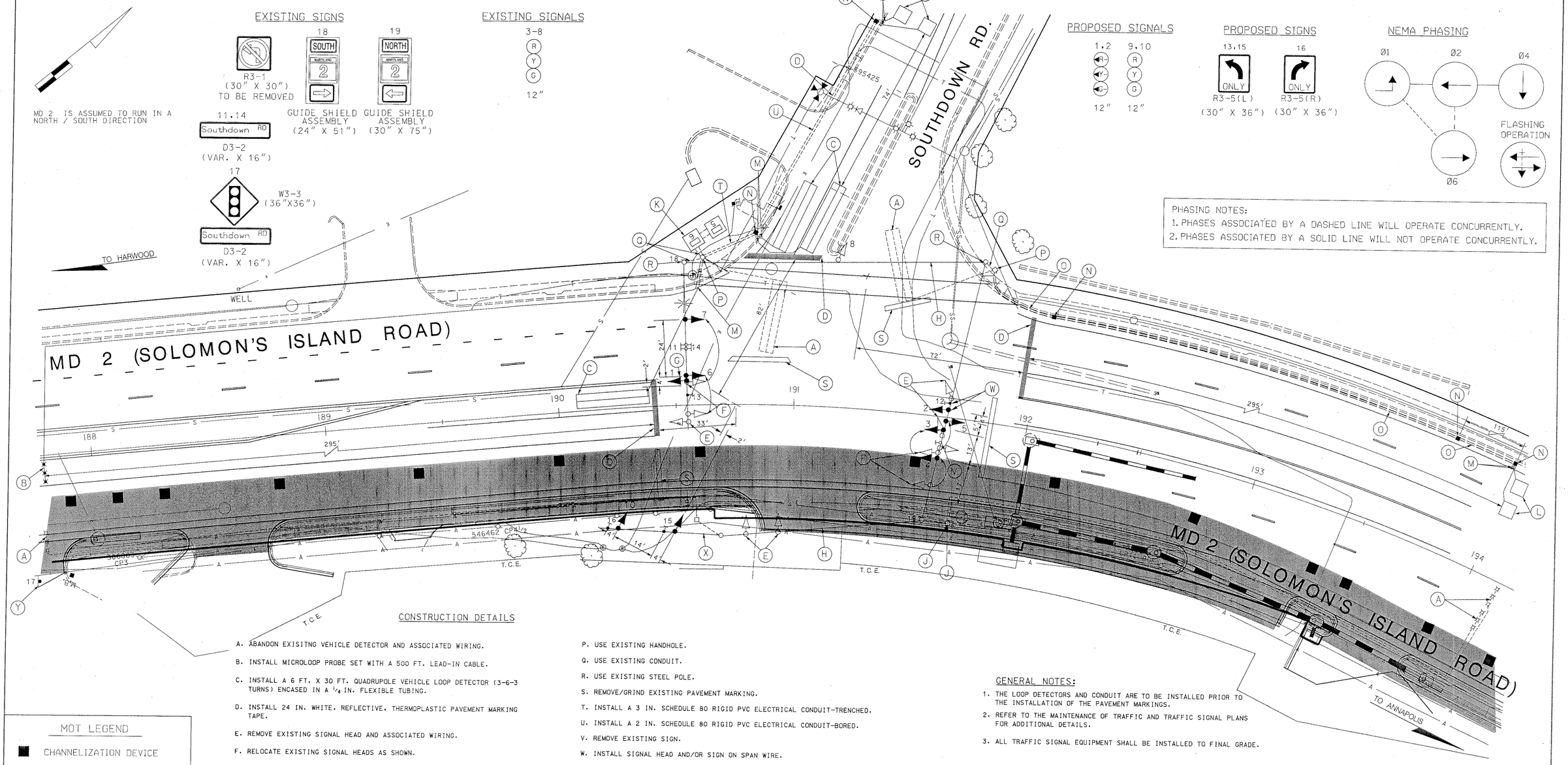
PROPOSED SIGNS

13,15 — R3-5(L) (30" X 36")

16 — R3-5(R) (30" X 36")

NEMA PHASING

PHASING NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. ABANDON EXISITNG VEHICLE DETECTOR AND ASSOCIATED WIRING.

B. INSTALL MICROLOOP PROBE SET WITH A 500 FT. LEAD-IN CABLE.

C. INSTALL A 6 FT. X 30 FT. QUADRUPOLE VEHICLE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN A 1/4 IN. FLEXIBLE TUBING.

D. INSTALL 24 IN. WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE.

E. REMOVE EXISTING SIGNAL HEAD AND ASSOCIATED WIRING.

F. RELOCATE EXISTING SIGNAL HEADS AS SHOWN.

G. INSTALL SIGNAL HEADS AND SIGNS ON MAST ARM AS SHOWN.

H. INSTALL ELECTRICAL CABLE ON EXISITNG SPAN WIRE.

I. DELETED.

J. MAINTAIN EXISTING HANDHOLE.

K. INSTALL ELECTRICAL CABLES INTO EXISTING CABINET AND PROPERLY TAG/LABEL EACH CABLE.

L. INSTALL A 6 FT. X 6 FT. VEHICLE LOOP DETECTOR (4-TURNS) ENCASED IN A 1/4 IN. FLEXIBLE TUBING.

M. INSTALL A 1 IN. LIQUID TIGHT, FLEXIBLE, NON-METALLIC CONDUIT FOR A DETECTOR WIRE SLEEVE.

N. INSTALL HANDHOLE.

O. INSTALL A 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT-TRENCHED.

P. USE EXISTING HANDHOLE.

Q. USE EXISTING CONDUIT.

R. USE EXISTING STEEL POLE.

S. REMOVE/GRIND EXISTING PAVEMENT MARKING.

T. INSTALL A 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT-TRENCHED.

U. INSTALL A 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT-BORED.

V. REMOVE EXISTING SIGN.

W. INSTALL SIGNAL HEAD AND/OR SIGN ON SPAN WIRE.

X. INSTALL 50 FT. MAST ARM, SIGNAL HEADS, AND SIGN ON EXISTING STEEL POLE.

Y. INSTALL GROUND MOUNTED SIGN.

GENERAL NOTES:

1. THE LOOP DETECTORS AND CONDUIT ARE TO BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
2. REFER TO THE MAINTENANCE OF TRAFFIC AND TRAFFIC SIGNAL PLANS FOR ADDITIONAL DETAILS.
3. ALL TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.

MOT LEGEND

CHANNELIZATION DEVICE

PROPOSED CONSTRUCTION

GEOMETRIC LEGEND

EXISTING

PROPOSED

UTILITY LEGEND

G — G — GAS MAIN
W — W — WATER MAIN
S — S — SEWER MAIN
E — E — ELECTRIC CABLES
A — A — AERIAL CABLES
T — T — TELEPHONE CABLES

SABRA, WANG & ASSOCIATES, INC.
1506 JOH AVENUE
SUITE 180
BALTIMORE, MD 21227
(410) 737-6564

REVISIONS

A RECONSTRUCT SIGNAL DUE TO ROADWAY WIDENING PROJECT SHA NO. AA530-A21 9/99

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

ORIGINAL ON FILE

DIRECTOR, TRAFFIC & SAFETY

STAGE II

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN

MD 2 (SOLOMON'S ISLAND ROAD) AND SOUTHDOWN ROAD

DRAWN BY:	A.FORNARO	F.A.P. NO.	XXX	TS NO. 1817A	SHEET NO. OF
CHECKED BY:	D.PETERS	S.H.A. NO.	BW572-80!-512		
SCALE:	1"=20'	COUNTY:	ANNE ARUNDEL	T.I.M.S. NO.	
DATE:	JUNE, 1999	LOG MILE:	02000217.03		